



326,443

1111 S 103rd St.
Omaha, NE 68124

REC'D

NOV 01 2010

APCO

October 29, 2010

Mr. Dave Phelps
Iowa Department of Natural Resources
Air Quality Bureau/Construction Permits
7900 Hickman Rd. Suite 1
Urbandale, IA 50322

Re: Reciprocating Internal Combustion Engine (RICE) MACT Initial Notification

Dear Mr. Phelps:

Northern Natural Gas (Northern) is submitting the initial notifications for five 4SLB engines at Northern's Paullina compressor station and two 4SRB engines at Northern's Redfield compressor station. The units are existing spark ignited engines. Therefore, initial notifications are being submitted for the units and the engines will be in compliance by the compliance date of October 19, 2013.

In addition, Northern is submitting the initial notifications for spark ignited electrical generator engines at Northern's Garner, Oakland and Redfield compressor stations. The units are existing engines. Therefore, initial notifications are being submitted for the units and the engines will be classified as "Emergency Use" by the compliance date of October 19, 2013.

If you should require additional information or if you have any questions, please call me at (402) 398-7716.

Sincerely,

Greg Ammon
Manager - Environmental

Cc: **Director, Air, RCRA and Toxics Division – EPA Region VII**
Mr. Leo Nichols – NNG



Initial Notification for Compression Ignition Engines^a

NESHAP for Reciprocating Internal Combustion Engines
40 Code of Federal Regulations (CFR) 63.6580 – 63.6675 (Subpart ZZZZ)

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Facility Information

Name of Firm/Company:	Facility Name (if different):	Facility Number (if known):		
Northern Natural Gas	Redfield Compressor Station	25-05-002		
Equipment Location - Street:	City:	State:	Zip:	
24282 G Avenue	Redfield	IA	50233	
Mailing Address (if different):	City:	State:	Zip:	
8101 Birchwood Court, Ste. F	Johnston	IA	50131	
Person to Contact:	Phone number:	Email (if available):		
Leo Nichols	402-530-2011	leo.nichols@nngco.com		

This facility is a (please choose one):

- ☐ Major source: potential or actual emissions greater than 10 tons of any single hazardous air pollutant (HAP) or 25 tons of a combination of HAP
- ☒ Area source: potential and actual emissions below major source levels

Identification of Standard

- ☒ Yes, this facility is subject to 40 CFR Part 63, Subpart ZZZZ, *National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines* (RICE NESHAP):

^a This is an example of the type of information that must be submitted to fulfill the Initial Notification requirement of 40 CFR 63, Subpart ZZZZ. You may submit the information in another form or format, or you may use this form.

Engine Data

Emission Unit Number	Emission Unit Description	Is this an emergency engine?	Construction Date	Engine Model Year	Brake Horsepower (bhp)
EU9	Waukesha L-7042	No	2008	1997	1429
EU10	Wakesha L-7042	No	2008	1997	1429
EU-7	Caterpillar	Yes	1992	1992	700

Existing units: Initial notifications are required to be submitted by August 31, 2010 for the following:

Area sources: Non-emergency engines > 300 bhp, installed before June 12, 2006

Major sources: Non-emergency engines > 500 bhp, installed before December 19, 2002, and
Non-emergency engines > 100 and ≤ 500 bhp, installed before June 12, 2006

New units: Initial notifications are required to be submitted within 120 days of startup for the following:

Major sources: All engines > 500 bhp installed on or after December 19, 2002

Signature

Responsible Official Certification		
<input checked="checked" type="checkbox"/>	I certify the truth, accuracy, and completeness of this notification.	
Responsible Official Name	Responsible Official Signature	Date
Royce A. Ramsay	<i>Royce A. Ramsay</i>	10/25/10

Submit this notification to the following agencies:

- Director, Air and Waste Management Division, U.S. Environmental Protection Agency, 901 N. 5th Street, Kansas City, KS 66101
- NESHAP Coordinator, Iowa Department of Natural Resources, 7900 Hickman, Suite 1; Windsor Heights, IA, 50324
- If the facility is located in either Linn County or Polk County, this notification shall also be submitted to the appropriate county office:

Polk County Public Works – Air Quality Division
5885 NE 14th Street; Des Moines, IA 50313

Linn County Public Health - Air Quality Division
501 13th Street NW; Cedar Rapids, IA 52405



IOWA DEPARTMENT OF NATURAL RESOURCES
AIR QUALITY BUREAU

Initial Notification for Compression Ignition Engines^a

NESHAP for Reciprocating Internal Combustion Engines
40 Code of Federal Regulations (CFR) 63.6580 – 63.6675 (Subpart ZZZZ)

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Facility Information

Name of Firm/Company:	Facility Name (if different):	Facility Number (if known):		
Northern Natural Gas	Paullina Compressor Station	18-06-002		
Equipment Location - Street:	City:	State:	Zip:	
4213 J Avenue	Paullina	IA	51046	
Mailing Address (if different):	City:	State:	Zip:	
8101 Birchwood Court, Ste. F	Johnston	IA	50131	
Person to Contact:	Phone number:	Email (if available):		
Leo Nichols	402-530-2011	leo.nichols@nngco.com		

This facility is a (please choose one):

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Engine Data

Emission Unit Number	Emission Unit Description	Is this an emergency engine?	Construction Date	Engine Model Year	Brake Horsepower (bhp)
EU1	Ingersoll Rand 82 KVG	No	1947	1947	880
EU2	Ingersoll Rand 82 KVG	No	1947	1947	880
EU3	Ingersoll Rand 82 KVG	No	1947	1947	880
EU4	Ingersoll Rand 82 KVG	No	1947	1947	880
EU5	Ingersoll Rand 82 KVG	No	1947	1947	880

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